

# Patient

The word patient originally meant 'one who suffers'. This English noun comes from the Latin word *patiens*, the present participle of the deponent verb, *patior*, meaning 'I am suffering,' and akin to the Greek verb πάσχειν (= *paskhein*, to suffer) and its cognate noun πάθος (= *pathos*).

The prognosis of neurosurgical patients depends on the disease and its severity.

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Education of patients about receiving neurosurgical procedures is becoming an important issue, as it can reduce anxiety and uncertainty while helping to hasten decisions for undergoing time sensitive surgeries. Chuang et al evaluated a new integrated education model for patients undergoing cervical disc herniation surgery using a quasi-experimental design.

The participants were grouped into either the new integrated educational model (n = 32) or the standard group (n = 32) on the basis of their ward numbers assigned at admission. Anxiety, uncertainty, and patient satisfaction were measured before (pre-test) and after the educational intervention (post-test-1) and post-surgery (post-test-2) to assess the effectiveness of the model in this intervention.

They found that the generalized estimating equation modeling demonstrated this new integrated education model was more effective than the conventional model in reducing patients' anxiety and uncertainty (p < 0.05). Patients were also more satisfied with our newly developed model as it takes a more holistic approach to individual health.

This novel systemic educational model enhances patient's understanding of the medical condition and surgery while promoting patient-caregiver interaction for optimal patient health outcomes. We present a comprehensive and consistent platform for educational purposes in patients undergoing surgery as well as reducing the psychological burden from anxiety and uncertainty. Integrating medicine, nursing, and new technologies into an e-practice and e-learning platform offers the potential of easier understanding and usage. It could revolutionize patient education in the future ((Chuang MF, Tung HH, Cliniciu DL, Huang JS, Iqbal U, Chang CJ, Su IC, Lai FC, Li YC. The effect of an integrated education model on anxiety and uncertainty in patients undergoing cervical disc herniation surgery. *Comput Methods Programs Biomed.* 2016 Sep;133:17-23. doi: 10.1016/j.cmpb.2016.05.003. Epub 2016 May 18. PubMed PMID: 27393796.

## Classification

see [Adult patient](#)

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see [Elderly patient](#)

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see [Pediatric patient](#)

Outpatient

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Inpatient.

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